

Notice of Allowability

Application No.

10/564,530

Examiner

Vanessa Girardi

Applicant(s)

BLACKBORN, WILLEM

Art Unit

2833

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment after NF.
2. ☒ The allowed claim(s) is/are 1-6, 8, 10-12 and 14-21.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

Examiner's Amendment

An Examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the Applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Allan M. Lowe on August 30, 2007.

The amended application filed July 24, 2007 has been further amended to clarify what is meant by "HF" as well as clarify which "connector has a housing that carries all the spring blades" in the following manner:

1. (Currently amended) High Frequency (HF) connector for connecting a coaxial plug connector to a[[n]] HF transmission line on a circuit board, the HF connector comprising:

at least a first pair of spring blades arranged for electrically contacting a central conductor of the coaxial plug connector and at least a second pair of spring blades arranged for electrically contacting an outer conductor of the coaxial plug connector, at least one of the spring blades of the first pair having, on an end facing away from the coaxial plug connector, a contact surface for electrically connecting the HF connector to the HF transmission line on the circuit board and for mechanical connection with the circuit board, and at least one spring blade of the second pair having, on an end facing away from the coaxial plug connector, a contact surface for electrically connecting the HF connector to a chassis contact on the circuit board and for mechanical connection with the circuit board, the HF connector having a housing that carries all the spring blades, the housing having at least one peg which extends away from the housing for engaging the circuit board, the at least one peg being arranged for engaging a metallised hole in the circuit board, the peg having at least one detent lug which extends in the radial direction in relation to the peg, beyond the lug outer periphery, the detent lug being arranged on the peg such that the outer periphery of the peg is smaller in the region of the detent lug than the diameter of the hole in the circuit board, whereby the outer periphery of the section of the peg protruding into the hole in the circuit board is such that between the outer periphery of the section of the peg and the inner wall of the hole in the circuit board, over

Art Unit: 2833

at least a portion of the outer periphery, there is an intermediate space with capillarity for solder, such that solder situated on the surface of the circuit board during a soldering procedure penetrates into and fills the Intermediate space by capillary action.

Allowable Subject Matter

Claims 1-6, 8, 10-12 and 14-21 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

With respect to claim 1; allowability resides, at least in part, with the prior art not disclosing, showing or teaching a high frequency connector for connecting a plug connector to a circuit board having a metallised hole in the circuit board into which the peg of the connector is accepted in conjunction with **ALL** the remaining limitations within claim 1; resulting in a significant structural difference between the claimed subject-matter and the most closely related prior art of record.

Claims 2-6, 8, 10-12 and 14-21 depend either directly or indirectly from claim 1.

Any comments considered necessary by the Applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vanessa Girardi: Telephone number (571) 272-5924.

Monday – Thursday 7 a.m. to 5:30 p.m. (EST)

If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, Paula Bradley can be reached on (571) 272-2800 ext 33.

Art Unit: 2833

The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

VG
Art Unit 2833
August 30, 2007


BRIGGITTE R. HAMMOND
PRIMARY EXAMINER